

REMARKS

In accordance with the foregoing, claims 1-6 and 8-11 are pending and under consideration. No new matter is presented in this Response. It is noted that claim 7 has been filed as continuation application U.S. Pat. App. No. 11/429,969 (attorney docket number 1793.1146C1), and that claim 12 has been filed as continuation application U.S. Pat. App. No. 11/429,970 (attorney docket number 1793.1146C2).

REJECTIONS UNDER DOUBLE PATENTING:

Claims 1-6 and 8-11 are provisionally rejected on the ground of nonstatutory obviousness-type double patenting as being unpatentable over claims 1-7 and 10-15 of copending Application No. 10/735,819.

Claims 1-6 and 8-11 are provisionally rejected on the ground of nonstatutory obviousness-type double patenting as being unpatentable over claims 1-6, 8-11, 13-16 and 18-21 of copending Application No. 10/735,850.

Claims 1-6 and 8-11 are provisionally rejected on the ground of nonstatutory obviousness-type double patenting as being unpatentable over claims 1-6, 8-11, 13-16 and 18-21 of copending Application no. 11/432,479.

It is respectfully requested that each of these double patenting issues be resolved after resolving issues related to the claim rejections under 35 U.S.C. §102.

REJECTIONS UNDER 35 U.S.C. §102:

Claims 1-6 and 8-11 are rejected under 35 U.S.C. §102(b) as being anticipated by Sawabe et al. (U.S. Patent 6,031,962).

Claim 1

It is respectfully submitted that Sawabe does not disclose each of the recited limitations of claim 1. Claim 1 recites:

“An apparatus for recording multi-angle motion picture data on an information storage medium, the apparatus comprising:

a recording unit which records motion picture data for different angles which are interleaved with respect to each other, on the information storage medium, wherein motion picture data for each angles has a plurality of access points through which motion picture data for another angle is connectedly and

successively reproduced; and

a controller which controls the recording unit to record information on the access points on a separate area of the information storage medium from that of the interleaved motion picture data.”

By way of review, Sawabe is directed towards providing an information recording apparatus in which, even when there occurs a problem of a failure of reading out or a reading out error, information can be recorded so as to be reproducible even after the occurrence of such a problem. Col. 2, lines 22-27. By providing (1) a plurality of data groups including a plurality of data units having at least one of video information and audio information and (2) reproduction control information having the first identification information for identifying each of the plurality of data groups, and in addition the second identification information for identifying the data group to which each of the data units belongs, Sawabe enables “the reproduction of the interleaved unit by searching the second identification information in the data unit, which is identical with the first identification information recorded in the reproduction control information, even when one interleaved unit cannot be reproduced for some reason or other. Col. 19, lines 41-55.

However, the reproduction control information disclosed by Sawabe is not the same as the access points and the information on the access points recited by claim 1. For example, claim 1 recites “a controller which controls the recording unit to record information on the access points on a separate area of the information storage medium from that of the interleaved motion picture data.” The access points and the information on the access points recorded in a separate area may be used to allow random access to a motion picture data of another angle. Instant application, pgs. 17-18, paragraph [0062]. In contrast, the reproduction control information disclosed by Sawabe is identification information to be used to identify in which data group a predetermined data group unit is included. Therefore, unlike the invention recited by claim 1, the reproduction control information disclosed by Sawabe does not allow random access to motion picture data of another angle.

Thus, it is respectfully submitted that the rejection of claim 1 should be withdrawn for at least this reason.

Claim 2

Claim 2 depends on claim 1. It is respectfully submitted that the rejection of claim 2

should be withdrawn for at least the same reasons that the rejection of claim 1 should be withdrawn.

Claim 3

It is respectfully submitted that Sawabe does not disclose each of the recited limitations of claim 3. Claim 3 recites: "...a controller which controls the recording unit to record information for accessing from an interleaved unit of motion picture data for an angle to a next interleaved unit of the motion picture data for the angle and/or for accessing from an interleaved unit of motion picture data for an angle to a corresponding next interleaved unit of motion picture data for another angle, on a separate area of the information storage medium from that of the interleaved motion picture data." Thus, the information recited by claim 3 may be used to allow random access to motion picture data of another angle. Instant application, pgs. 17-18, paragraph [0062].

As mentioned above with respect to the rejection of claim 1, the reproduction control information disclosed by Sawabe is identification information to be used to identify in which data group a predetermined data group unit is included. Therefore, unlike the invention recited by claim 3, the reproduction control information disclosed by Sawabe does not allow random access to motion picture data of another angle.

Thus, it is respectfully submitted that the rejection of claim 3 should be withdrawn for at least this reason.

Claim 4

It is respectfully submitted that Sawabe does not disclose each of the recited limitations of claim 4. Claim 4 recites: "...a controller which controls the recording unit to record information on jumping-points of the clip AV streams on a separate area of the information storage medium from that of the interleaved clip AV streams, wherein the jumping-points are access points through which the motion picture is reproduced from one angle to another angle." Thus, the jumping-points and the information on the jumping points recited by claim 4 may be used to allow random access to motion picture data of another angle. Instant application, pgs. 17-18, paragraph [0062].

As mentioned above with respect to the rejection of claim 1, the reproduction control information disclosed by Sawabe is identification information to be used to identify in which data

group a predetermined data group unit is included. Therefore, unlike the invention recited by claim 4, the reproduction control information disclosed by Sawabe does not allow random access to motion picture data of another angle.

Thus, it is respectfully submitted that the rejection of claim 4 should be withdrawn for at least this reason.

Claim 5

Claim 5 depends on claim 4. It is respectfully submitted that the rejection of claim 5 should be withdrawn for at least the same reasons that the rejection of claim 4 should be withdrawn.

Claim 6

It is respectfully submitted that Sawabe does not disclose each of the recited limitations of claim 6. Claim 6 recites: "...a controller which controls the recording unit to record information on jumping-points of the clip AV stream on a separate area of the information storage medium from that of the clip AV stream, wherein the jumping-points are access points through which the motion picture is reproduced from one angle to another angle." Thus, the jumping-points and the information on the jumping points recited by claim 6 may be used to allow random access to motion picture data of another angle. Instant application, pgs. 17-18, paragraph [0062].

As mentioned above with respect to the rejection of claim 1, the reproduction control information disclosed by Sawabe is identification information to be used to identify in which data group a predetermined data group unit is included. Therefore, unlike the invention recited by claim 6, the reproduction control information disclosed by Sawabe does not allow random access to motion picture data of another angle.

Thus, it is respectfully submitted that the rejection of claim 6 should be withdrawn for at least this reason.

Claim 8

It is respectfully submitted that Sawabe does not disclose each of the recited limitations of claim 8. Claim 8 recites "...a reproduction unit which reproduces the motion picture data for different angles according to information on the access points provided in a separate area of the information storage medium from that of the interleaved motion picture data." Thus, the access points and the information on the access points recited by claim 8 may be used to allow random

access to motion picture data of another angle. Instant application, pgs. 17-18, paragraph [0062].

As mentioned above with respect to the rejection of claim 1, the reproduction control information disclosed by Sawabe is identification information to be used to identify in which data group a predetermined data group unit is included. Therefore, unlike the invention recited by claim 8, the reproduction control information disclosed by Sawabe does not allow random access to motion picture data of another angle.

Thus, it is respectfully submitted that the rejection of claim 8 should be withdrawn for at least this reason.

Claim 9

It is respectfully submitted that Sawabe does not disclose each of the recited limitations of claim 9. Claim 9 recites "...a reproduction unit which reproduces the motion picture data for different angles according to access point information provided in a separate area of the information storage medium from that of the interleaved motion picture data, wherein access point information comprises information for accessing from an interleaved unit of motion picture data for an angle to a next interleaved unit of motion picture data for an angle to a corresponding next interleaved unit of motion picture data for another angle." Thus, the access point information recited by claim 9 may be used to allow random access to motion picture data of another angle. Instant application, pgs. 17-18, paragraph [0062].

As mentioned above with respect to the rejection of claim 1, the reproduction control information disclosed by Sawabe is identification information to be used to identify in which data group a predetermined data group unit is included. Therefore, unlike the invention recited by claim 9, the reproduction control information disclosed by Sawabe does not allow random access to motion picture data of another angle.

Thus, it is respectfully submitted that the rejection of claim 9 should be withdrawn for at least this reason.

Claim 10

It is respectfully submitted that Sawabe does not disclose each of the recited limitations of claim 10. Claim 10 recites "...a reproduction unit which reproduces the clip AV streams according to information on jumping-points of the clip AV streams provided in a separate area of

the information storage medium from that of the interleaved clip AV streams, wherein the jumping-points are access points through which the motion picture is reproduced from one angle to another angle.” Thus, the jumping-points and the information on jumping points recited by claim 10 may be used to allow random access to motion picture data of another angle. Instant application, pgs. 17-18, paragraph [0062].

As mentioned above with respect to the rejection of claim 1, the reproduction control information disclosed by Sawabe is identification information to be used to identify in which data group a predetermined data group unit is included. Therefore, unlike the invention recited by claim 10, the reproduction control information disclosed by Sawabe does not allow random access to motion picture data of another angle.

Thus, it is respectfully submitted that the rejection of claim 10 should be withdrawn for at least this reason.

Claim 11

It is respectfully submitted that Sawabe does not disclose each of the recited limitations of claim 11. Claim 11 recites “...a reproduction unit which reproduces the clip AV stream according to information on jumping-points of the clip AV stream provided in a separate area of the information storage medium from that of the clip AV stream, wherein the jumping-points are access points through which the motion picture is reproduced from one angle to another angle.” Thus, the jumping-points and the information on the jumping points recited by claim 11 may be used to allow random access to motion picture data of another angle. Instant application, pgs. 17-18, paragraph [0062].

As mentioned above with respect to the rejection of claim 1, the reproduction control information disclosed by Sawabe is identification information to be used to identify in which data group a predetermined data group unit is included. Therefore, unlike the invention recited by claim 11, the reproduction control information disclosed by Sawabe does not allow random access to motion picture data of another angle.

Thus, it is respectfully submitted that the rejection of claim 11 should be withdrawn for at least this reason.

CONCLUSION:

There being no further outstanding objections or rejections, it is submitted that the application is in condition for allowance. An early action to that effect is courteously solicited.


Finally, if there are any formal matters remaining after this response, the Examiner is requested to telephone the undersigned to attend to these matters.

If there are any additional fees associated with filing of this Response, please charge the same to our Deposit Account No. 503333.

Respectfully submitted,

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